

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-----------------|------------------|---------|------------------|
| S1 | 1 | "20040167775".did. | US-PGPUB; USPAT | OR | OFF | 2007/02/06 06:16 |
| S2 | 1 | "6587816".pn. | US-PGPUB; USPAT | OR | OFF | 2007/02/01 18:12 |
| S3 | 1 | "20040267521".did. | US-PGPUB; USPAT | OR | OFF | 2007/02/01 18:12 |
| S4 | 192 | (audio\$4 and video\$4) with speaker\$4 near3 (identif\$8 detect\$7 recogni\$8) | US-PGPUB; USPAT | OR | OFF | 2007/02/06 06:17 |
| S5 | 0 | (audio\$4 and video\$4) with speaker\$4 near3 (identif\$8 detect\$7 recogni\$8) and face\$4 and mounth\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 06:17 |
| S6 | 28 | (audio\$4 and video\$4) with speaker\$4 near3 (identif\$8 detect\$7 recogni\$8) and face\$4 and mouth\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 06:17 |
| S7 | 44 | (audio\$4 and video\$4) with speaker\$4 near3 (identif\$8 detect\$7 recogni\$8) and face\$4 and (mouth\$4 lip\$4) | US-PGPUB; USPAT | OR | OFF | 2007/02/06 06:18 |
| S8 | 17 | (audio\$4 and video\$4) with speaker\$4 near3 (identif\$8 detect\$7 recogni\$8) and face\$4 and (mouth\$4 lip\$4) and (neural\$4 near2 network\$4) | US-PGPUB; USPAT | OR | OFF | 2007/02/06 06:20 |
| S9 | 44 | (audio\$4 and (visual\$4 video\$4)) with (speaker\$4 speech\$4) near3 (identif\$8 detect\$7 recogni\$8) and face\$4 and (mouth\$4 lip\$4) and (neural\$4 near2 network\$4) | US-PGPUB; USPAT | OR | OFF | 2007/02/06 06:30 |
| S10 | 3 | (US-20040267521-\$).did. or (US-6567775-\$ or US-6219640-\$).did. | US-PGPUB; USPAT | OR | OFF | 2007/02/06 07:59 |
| S11 | 2 | ((US-20040267521-\$).did. or (US-6567775-\$ or US-6219640-\$).did.) and energ\$6 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 07:34 |
| S12 | 44 | (audio\$4 and (visual\$4 video\$4)) with (speaker\$4 speech\$4) near3 (identif\$8 detect\$7 recogni\$8) and face\$4 and (mouth\$4 lip\$4) and (neural\$4 near2 network\$4) | US-PGPUB; USPAT | OR | OFF | 2007/02/06 08:01 |
| S13 | 3 | ((US-20040267521-\$).did. or (US-6567775-\$ or US-6219640-\$).did.) and (audio\$4 and (visual\$4 video\$4)) | US-PGPUB; USPAT | OR | OFF | 2007/02/06 08:02 |
| S14 | 3 | ((US-20040267521-\$).did. or (US-6567775-\$ or US-6219640-\$).did.) and (audio\$4 and (visual\$4 video\$4)) with (speaker\$4 speech\$4) | US-PGPUB; USPAT | OR | OFF | 2007/02/06 13:35 |

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| S15 | 3 | ((US-20040267521-\$).did. or (US-6567775-\$ or US-6219640-\$).did.) and (audio\$4 and (visual\$4 video\$4)) with (speaker\$4 speech\$4) near3 (identif\$8 detect\$7 recogni\$8) | US-PGPUB; USPAT | OR | OFF | 2007/02/06 08:02 |
| S16 | 3 | ((US-20040267521-\$).did. or (US-6567775-\$ or US-6219640-\$).did.) and (audio\$4 and (visual\$4 video\$4)) with (speaker\$4 speech\$4) near3 (identif\$8 detect\$7 recogni\$8) and face\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 08:02 |
| S17 | 3 | ((US-20040267521-\$).did. or (US-6567775-\$ or US-6219640-\$).did.) and (audio\$4 and (visual\$4 video\$4)) with (speaker\$4 speech\$4) near3 (identif\$8 detect\$7 recogni\$8) and face\$4 and (mouth\$2 lip lips) | US-PGPUB; USPAT | OR | OFF | 2007/02/06 08:03 |
| S18 | 3 | ((US-20040267521-\$).did. or (US-6567775-\$ or US-6219640-\$).did.) and (audio\$4 and (visual\$4 video\$4)) with (speaker\$4 speech\$4) near3 (identif\$8 detect\$7 recogni\$8) and face\$4 and (mouth\$2 lip lips) and (neural\$2 near2 network\$2) | US-PGPUB; USPAT | OR | OFF | 2007/02/06 08:55 |
| S19 | 78 | mouth with (open\$4 and close\$4) and (neural\$4 with network\$4) | US-PGPUB; USPAT | OR | OFF | 2007/02/06 08:56 |
| S20 | 0 | mouth with (open\$4 and close\$4) and (neural\$4 with network\$4) with tim\$4 near delay\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 08:56 |
| S21 | 5 | mouth with (open\$4 and close\$4) and (neural\$4 with network\$4) with tim\$4 near delay\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 08:58 |
| S22 | 29 | fac\$4 near4 detect\$6 and (neural\$4 with network\$4) with tim\$4 near delay\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 09:28 |
| S23 | 1 | "20030023430".did. | US-PGPUB; USPAT | OR | OFF | 2007/02/06 10:57 |
| S24 | 60 | (face\$4 facial\$4) and mouth\$4 with (neural\$4 near2 network\$4) | US-PGPUB; USPAT | OR | OFF | 2007/02/06 12:32 |
| S25 | 23 | (face\$4 facial\$4) and mouth\$4 with (neural\$4 near2 network\$4) and (speech\$4 speaker\$4) near4 (recogni\$9 identi\$9) | US-PGPUB; USPAT | OR | OFF | 2007/02/06 12:33 |
| S26 | 23 | (face\$4 facial\$4) and mouth\$4 with (neural\$4 near2 network\$4) and (speech\$4 speaker\$4) near4 (recogni\$9 identi\$9 detect\$5) | US-PGPUB; USPAT | OR | OFF | 2007/02/06 13:17 |

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| S27 | 146 | (face\$4 facial\$4) and mouth\$4 with (speech\$4 speaker\$4) near4 (recogni\$9 identi\$9 detect\$5) | US-PGPUB; USPAT | OR | OFF | 2007/02/08 06:57 |
| S28 | 16 | (face\$4 facial\$4) and mouth\$4 near4 (open\$4 clos\$4) with (speech\$4 speaker\$4) near4 (recogni\$9 identi\$9 detect\$5) | US-PGPUB; USPAT | OR | OFF | 2007/02/06 13:33 |
| S29 | 2 | (face\$4 facial\$4) and mouth\$4 near4 (open\$4 and clos\$4) with (speech\$4 speaker\$4) near4 (recogni\$9 identi\$9 detect\$5) | US-PGPUB; USPAT | OR | OFF | 2007/02/06 13:23 |
| S30 | 1 | "6567775".pn. | US-PGPUB; USPAT | OR | OFF | 2007/02/06 13:34 |
| S31 | 1 | "6567775".pn. and (nois\$4) | US-PGPUB; USPAT | OR | OFF | 2007/02/06 13:34 |
| S32 | 3 | ((US-20040267521-\$).did. or (US-6567775-\$ or US-6219640-\$).did.) and nois\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 13:40 |
| S33 | 3 | ((US-20040267521-\$).did. or (US-6567775-\$ or US-6219640-\$).did.) and segment\$7 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 15:53 |
| S34 | 1 | "6567775".pn. and (video\$4 and audi\$4) | US-PGPUB; USPAT | OR | OFF | 2007/02/06 15:53 |
| S35 | 1 | "6567775".pn. and ((visual\$4 video\$4) same audi\$4) | US-PGPUB; USPAT | OR | OFF | 2007/02/06 15:54 |
| S36 | 1 | "6567775".pn. and ((visual\$4 video\$4) same (mouth\$2 lip\$2)) | US-PGPUB; USPAT | OR | OFF | 2007/02/06 16:22 |
| S37 | 1 | "6567775".pn. and segment\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 16:24 |
| S38 | 1 | "6567775".pn. and extract\$5 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 16:31 |
| S39 | 0 | "6567775".pn. and video\$4 near3 featur\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 16:31 |
| S40 | 0 | "6567775".pn. and visual\$4 near3 featur\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 16:31 |
| S41 | 2519180 | "6567775".pn. and S35 featur\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 16:31 |
| S42 | 1 | "6567775".pn. and featur\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 16:32 |
| S43 | 1 | "6567775".pn. and featur\$4 same (video\$4) | US-PGPUB; USPAT | OR | OFF | 2007/02/06 16:35 |
| S44 | 1 | "6567775".pn. and (speech\$4 voic\$4) | US-PGPUB; USPAT | OR | OFF | 2007/02/06 16:40 |
| S45 | 0 | "6567775".pn. and geome\$7 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 16:40 |

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| S46 | 1 | "6567775".pn. and normal\$8 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 16:41 |
| S47 | 0 | "6567775".pn. and normal\$8 and correlat\$6 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 16:42 |
| S48 | 0 | "6567775".pn. and clip\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 16:45 |
| S49 | 0 | "6567775".pn. and hidden\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 16:46 |
| S50 | 0 | "6567775".pn. and layer\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 16:46 |
| S51 | 0 | "6567775".pn. and beam\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 16:46 |
| S52 | 1 | "6567775".pn. and acoustic\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 16:47 |
| S53 | 1 | "6567775".pn. and acoustic\$4 and energ\$6 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 16:49 |
| S54 | 0 | "6567775".pn. and mel | US-PGPUB; USPAT | OR | OFF | 2007/02/06 16:49 |
| S55 | 0 | "6567775".pn. and mel\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 16:49 |
| S56 | 0 | "6567775".pn. and support\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 16:54 |
| S57 | 667 | (face facial) and lip\$3 and neural\$4 near network\$5 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 16:56 |
| S58 | 125 | (audi\$5 and video\$5) and (speech\$4 speaker\$5) near4 (identif\$7 recogni\$8 detect\$5) and (face facial) and lip\$3 and neural\$4 near network\$5 | US-PGPUB; USPAT | OR | OFF | 2007/02/06 16:58 |
| S59 | 44 | (audi\$5 and video\$5) and (speech\$4 speaker\$5) near4 (identif\$7 recogni\$8 detect\$5) and (face facial) and lip\$3 and neural\$4 near network\$5 and "704"/\$.ccls. | US-PGPUB; USPAT | OR | OFF | 2007/02/06 16:59 |
| S60 | 10 | (US-20040122675-\$ or US-20040267521-\$ or US-20030212552-\$).did. or (US-6707921-\$ or US-6567775-\$ or US-6185529-\$ or US-6219640-\$ or US-6219639-\$ or US-6735566-\$ or US-7165029-\$).did. | US-PGPUB; USPAT | OR | OFF | 2007/02/08 06:14 |
| S61 | 9 | ((US-20040122675-\$ or US-20040267521-\$ or US-20030212552-\$).did. or (US-6707921-\$ or US-6567775-\$ or US-6185529-\$ or US-6219640-\$ or US-6219639-\$ or US-6735566-\$ or US-7165029-\$).did.) and synchron\$8 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 06:35 |

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| S62 | 1 | ((US-20040122675-\$ or US-20040267521-\$ or US-20030212552-\$).did. or (US-6707921-\$ or US-6567775-\$ or US-6185529-\$ or US-6219640-\$ or US-6219639-\$ or US-6735566-\$ or US-7165029-\$).did.) and (tim\$4 near4 delay\$4) | US-PGPUB; USPAT | OR | OFF | 2007/02/08 06:30 |
| S63 | 9 | ((US-20040122675-\$ or US-20040267521-\$ or US-20030212552-\$).did. or (US-6707921-\$ or US-6567775-\$ or US-6185529-\$ or US-6219640-\$ or US-6219639-\$ or US-6735566-\$ or US-7165029-\$).did.) and (nois\$4) | US-PGPUB; USPAT | OR | OFF | 2007/02/08 06:31 |
| S64 | 5 | ((US-20040122675-\$ or US-20040267521-\$ or US-20030212552-\$).did. or (US-6707921-\$ or US-6567775-\$ or US-6185529-\$ or US-6219640-\$ or US-6219639-\$ or US-6735566-\$ or US-7165029-\$).did.) and (nois\$4 same reduc\$6) | US-PGPUB; USPAT | OR | OFF | 2007/02/08 06:31 |
| S65 | 3 | ((US-20040122675-\$ or US-20040267521-\$ or US-20030212552-\$).did. or (US-6707921-\$ or US-6567775-\$ or US-6185529-\$ or US-6219640-\$ or US-6219639-\$ or US-6735566-\$ or US-7165029-\$).did.) and stab\$7 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 06:36 |
| S66 | 2 | ((US-20040122675-\$ or US-20040267521-\$ or US-20030212552-\$).did. or (US-6707921-\$ or US-6567775-\$ or US-6185529-\$ or US-6219640-\$ or US-6219639-\$ or US-6735566-\$ or US-7165029-\$).did.) and normaliz\$4 and cross\$4 and correlat\$7 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 06:38 |
| S67 | 2 | ((US-20040122675-\$ or US-20040267521-\$ or US-20030212552-\$).did. or (US-6707921-\$ or US-6567775-\$ or US-6185529-\$ or US-6219640-\$ or US-6219639-\$ or US-6735566-\$ or US-7165029-\$).did.) and layer\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 06:39 |
| S68 | 2 | ((US-20040122675-\$ or US-20040267521-\$ or US-20030212552-\$).did. or (US-6707921-\$ or US-6567775-\$ or US-6185529-\$ or US-6219640-\$ or US-6219639-\$ or US-6735566-\$ or US-7165029-\$).did.) and beam\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 06:44 |

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| S69 | 1 | ((US-20040267521-\$ or US-20030212552-\$).did. or (US-6707921-\$ or US-6567775-\$ or US-6185529-\$ or US-6219640-\$ or US-6219639-\$ or US-6735566-\$ or US-7165029-\$).did.) and beam\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 06:39 |
| S70 | 1 | ((US-20040122675-\$ or US-20030212552-\$).did. or (US-6707921-\$ or US-6567775-\$ or US-6185529-\$ or US-6219640-\$ or US-6219639-\$ or US-6735566-\$ or US-7165029-\$).did.) and beam\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 06:39 |
| S71 | 3 | ((US-20040122675-\$ or US-20040267521-\$ or US-20030212552-\$).did. or (US-6707921-\$ or US-6567775-\$ or US-6185529-\$ or US-6219640-\$ or US-6219639-\$ or US-6735566-\$ or US-7165029-\$).did.) and beam\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 06:46 |
| S72 | 0 | ((US-20040122675-\$ or US-20040267521-\$ or US-20030212552-\$).did. or (US-6707921-\$ or US-6567775-\$ or US-6185529-\$ or US-6219640-\$ or US-6219639-\$ or US-6735566-\$ or US-7165029-\$).did.) and mel\$3 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 06:47 |
| S73 | 4 | ((US-20040122675-\$ or US-20040267521-\$ or US-20030212552-\$).did. or (US-6707921-\$ or US-6567775-\$ or US-6185529-\$ or US-6219640-\$ or US-6219639-\$ or US-6735566-\$ or US-7165029-\$).did.) and support\$4 and vector\$4 and macjin\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 06:47 |
| S74 | 144 | (face\$4 facial\$4) and mouth\$4 with (speech\$4 speaker\$4) near4 (recogni\$9 identi\$9 detect\$5) and (tim\$4 delay\$4 and neural\$4 and network\$4) | US-PGPUB; USPAT | OR | OFF | 2007/02/08 06:58 |
| S75 | 19 | (face\$4 facial\$4) and mouth\$4 with (speech\$4 speaker\$4) near4 (recogni\$9 identi\$9 detect\$5) and (tim\$4 and delay\$4 and neural\$4 and network\$4) | US-PGPUB; USPAT | OR | OFF | 2007/02/08 06:58 |
| S76 | 4 | (face\$4 facial\$4) and mouth\$4 with (speech\$4 speaker\$4) near4 (recogni\$9 identi\$9 detect\$5) and (tim\$4 near2 delay\$4 with neural\$4 near4 network\$4) | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:02 |

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| S77 | 3 | (face\$4 facial\$4) and mouth\$4 with (speech\$4 speaker\$4) near4 (recogni\$9 identi\$9 detect\$5) and (tim\$4 near2 delay\$4 with neural\$4 near4 network\$4) and synchron\$7 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:03 |
| S78 | 3 | (face\$4 facial\$4) and mouth\$4 with (speech\$4 speaker\$4) near4 (recogni\$9 identi\$9 detect\$5) and (tim\$4 near2 delay\$4 with neural\$4 near4 network\$4) and synchron\$7 and nois\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:11 |
| S79 | 2 | (face\$4 facial\$4) and mouth\$4 with (speech\$4 speaker\$4) near4 (recogni\$9 identi\$9 detect\$5) and (tim\$4 near2 delay\$4 with neural\$4 near4 network\$4) and synchron\$7 and nois\$4 with reduc\$6 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:04 |
| S80 | 1 | "5586215".pn. and layer\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:18 |
| S81 | 1 | "5586215".pn. and input\$4 with layer\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:19 |
| S82 | 0 | "5586215".pn. and beam\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:20 |
| S83 | 0 | "5586215".pn. and vector\$4 and supprt\$4 and machin\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:20 |
| S84 | 1 | "5586215".pn. and mel\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:23 |
| S85 | 1 | "5586215".pn. and speak\$5 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:24 |
| S86 | 1 | "5586215".pn. and stabl\$7 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:24 |
| S87 | 1 | "5586215".pn. and mouth\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:28 |
| S88 | 1 | "5586215".pn. and correlat\$7 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:31 |
| S89 | 1 | "5586215".pn. and mouth\$4 same (center\$4 middle\$4) | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:36 |
| S90 | 1 | "5586215".pn. and segment\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:40 |
| S91 | 1 | "6219639".pn. and segment\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:40 |
| S92 | 1 | "6219639".pn. and segment\$4 same synchron\$7 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:43 |
| S93 | 0 | "6219639".pn. and segment\$4 same synchron\$7 and remov\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:41 |

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| S94 | 1 | "6219639".pn. and extract\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:45 |
| S95 | 0 | "6219639".pn. and energ\$5 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:45 |
| S96 | 0 | "6219639".pn. and time near delay\$4 near neural\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:45 |
| S97 | 11 | (US-20040122675-\$ or US-20040267521-\$ or US-20030212552-\$).did. or (US-6707921-\$ or US-6567775-\$ or US-6185529-\$ or US-6219640-\$ or US-6219639-\$ or US-6735566-\$ or US-7165029-\$ or US-5586215-\$).did. | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:49 |
| S98 | 11 | ((US-20040122675-\$ or US-20040267521-\$ or US-20030212552-\$).did. or (US-6707921-\$ or US-6567775-\$ or US-6185529-\$ or US-6219640-\$ or US-6219639-\$ or US-6735566-\$ or US-7165029-\$ or US-5586215-\$).did.) | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:49 |
| S99 | 4 | ((US-20040122675-\$ or US-20040267521-\$ or US-20030212552-\$).did. or (US-6707921-\$ or US-6567775-\$ or US-6185529-\$ or US-6219640-\$ or US-6219639-\$ or US-6735566-\$ or US-7165029-\$ or US-5586215-\$).did.) and non\$4speech\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:51 |
| S100 | 0 | ((US-20040122675-\$ or US-20040267521-\$ or US-20030212552-\$).did. or (US-6707921-\$ or US-6567775-\$ or US-6185529-\$ or US-6219640-\$ or US-6219639-\$ or US-6735566-\$ or US-7165029-\$ or US-5586215-\$).did.) and segement\$4 with (audio\$4 speech\$4) | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:51 |
| S101 | 7 | ((US-20040122675-\$ or US-20040267521-\$ or US-20030212552-\$).did. or (US-6707921-\$ or US-6567775-\$ or US-6185529-\$ or US-6219640-\$ or US-6219639-\$ or US-6735566-\$ or US-7165029-\$ or US-5586215-\$).did.) and segment\$4 with (audio\$4 speech\$4) | US-PGPUB; USPAT | OR | OFF | 2007/02/08 07:54 |

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| S10 2 | 2 | ((US-20040122675-\$ or US-20040267521-\$ or US-20030212552-\$).did. or (US-6707921-\$ or US-6567775-\$ or US-6185529-\$ or US-6219640-\$ or US-6219639-\$ or US-6735566-\$ or US-7165029-\$ or US-5586215-\$).did.) and (silent\$6 quiet\$4) | US-PGPUB; USPAT | OR | OFF | 2007/02/08 10:23 |
| S10 3 | 1 | "5953718".pn. and parts | US-PGPUB; USPAT | OR | OFF | 2007/02/08 10:31 |
| S10 4 | 11 | (US-20040122675-\$ or US-20040267521-\$ or US-20030212552-\$).did. or (US-6707921-\$ or US-6567775-\$ or US-6185529-\$ or US-6219640-\$ or US-6219639-\$ or US-6735566-\$ or US-7165029-\$ or US-5586215-\$).did. | US-PGPUB; USPAT | OR | OFF | 2007/02/08 14:22 |
| S10 5 | 2 | ((US-20040122675-\$ or US-20040267521-\$ or US-20030212552-\$).did. or (US-6707921-\$ or US-6567775-\$ or US-6185529-\$ or US-6219640-\$ or US-6219639-\$ or US-6735566-\$ or US-7165029-\$ or US-5586215-\$).did.) and (time\$4 near delay\$4 with neural\$4 near network\$4) | US-PGPUB; USPAT | OR | OFF | 2007/02/08 14:35 |
| S10 6 | 0 | "6567775".pn. and period\$8 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 14:35 |
| S10 7 | 0 | "6567775".pn. and simulta\$8 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 14:35 |
| S10 8 | 1 | "6567775".pn. | US-PGPUB; USPAT | OR | OFF | 2007/02/08 14:43 |
| S10 9 | 1 | "6567775".pn. and statistic\$6 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 14:47 |
| S11 0 | 1 | "6567775".pn. and energ\$7 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 17:04 |
| S11 1 | 1 | "6567775".pn. and non\$9 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 17:29 |
| S11 2 | 1 | "6567775".pn. and comput\$7 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 17:29 |
| S11 3 | 1 | "6219639".pn. and comput\$7 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 17:31 |
| S11 4 | 1 | "6219639".pn. and program\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 17:49 |
| S11 5 | 1 | "6219639".pn. and geom\$8 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 19:29 |
| S11 6 | 1 | "20050010401".did. | US-PGPUB; USPAT | OR | OFF | 2007/02/08 19:33 |

EAST Search History

| | | | | | | |
|----------|---------|---|--------------------|----|-----|------------------|
| S11 7 | 1 | "20050010412" | US-PGPUB; USPAT | OR | OFF | 2007/02/08 19:39 |
| S11 8 | 1 | "20050010411".did. | US-PGPUB; USPAT | OR | OFF | 2007/02/08 19:45 |
| S11 9 | 1 | "20030036909".did. | US-PGPUB; USPAT | OR | OFF | 2007/02/08 19:45 |
| S12 0 | 0 | "20030036909".did. and branch\$5 | US-PGPUB; USPAT | OR | OFF | 2007/02/08 19:45 |
| S12 1 | 228 | energ\$4 with audio\$4 near3 fram\$4 | US-PGPUB; USPAT | OR | OFF | 2007/11/05 07:25 |
| S12 2 | 129 | energ\$4 with audio\$4 near3 fram\$4 and "704"/\$.ccls. | US-PGPUB; USPAT | OR | OFF | 2007/11/05 07:11 |
| S12 3 | 20 | energ\$4 with audio\$4 near3 fram\$4 with (divid\$5 over\$4) and "704"/\$.ccls. | US-PGPUB; USPAT | OR | OFF | 2007/11/05 07:11 |
| S12 4 | 36 | energ\$4 with audio\$4 near3 fram\$4 with (divid\$5 over\$4) | US-PGPUB; USPAT | OR | OFF | 2007/11/05 07:12 |
| S12 5 | 90 | energ\$4 with audio\$4 adj fram\$4 | US-PGPUB; USPAT | OR | OFF | 2007/11/05 07:25 |
| S12 6 | 43 | energ\$4 with audio\$4 adj fram\$4 and "704"/\$.ccls. | US-PGPUB; USPAT | OR | OFF | 2007/11/05 08:06 |
| S12 7 | 33 | feature\$5 and energ\$4 with audio\$4 adj fram\$4 and "704"/\$.ccls. | US-PGPUB; USPAT | OR | OFF | 2007/11/05 08:07 |
| S12 8 | 2727078 | feature\$5 sa,e energ\$4 with audio\$4 adj fram\$4 and "704"/\$.ccls. | US-PGPUB; USPAT | OR | OFF | 2007/11/05 08:07 |
| S12 9 | 6 | feature\$5 same energ\$4 with audio\$4 adj fram\$4 and "704"/\$.ccls. | US-PGPUB; USPAT | OR | OFF | 2007/11/05 08:07 |
| S13 0 | 1 | (US-20040267521-\$).did. | US-PGPUB | OR | OFF | 2007/11/05 08:08 |
| S13 1 | 1 | (US-20040267521-\$).did. and (signal\$4 wav\$4) | US-PGPUB | OR | OFF | 2007/11/05 08:20 |
| S13 2 | 5 | 704/259.ccls. | US-PGPUB | OR | OFF | 2007/11/05 08:21 |
| S13 3 | 3604 | energ\$5 with frequenc\$4 near3 rang\$4 | US-PGPUB | OR | OFF | 2007/11/05 08:22 |
| S13 4 | 3 | energ\$5 with frequenc\$4 near3 rang\$4 same audio\$4 adj fram\$4 | US-PGPUB | OR | OFF | 2007/11/05 08:22 |